

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	
				Filing Date	HEREIN
				First Named Inventor	ERIKSON, Kenneth
				Group Art Unit	3662
				Examiner Name	L O B O
Sheet	1	of	2	Attorney Docket Number	D4601-3CIP

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No.	U.S. Patent Document Number Code	Kind	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
I T L	*	6,159,149		Erikson et al	12-12-2000	
	*	6,325,757		Erikson et al	12-04-2001	
	*	5,732,706		White et al	03-31-1998	
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	*	4,922,467		Caulfield	05-01-1990	
	*	5,598,152		Scarzello et al	01-28-1997	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No.	Foreign Patent Document Office Number Code	Kind	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No.	(Including Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc...), date, page(s), volume-issue number(s), publisher, city, and/or country where published.)	T
I T L	*	SABATIER, James M. et al, "Laser-Doppler Based Acoustic-to-Seismic Detection of Buried Mines", SPIE Conference on Detection and Remediation Technologies for Mines and Minelike Targets IV, SPIE, Vol. 3710, pp. 215-222, 1999.	
I G L	*	SIMPSON, Harry J. et al, "Synthetic array measurements of acoustical waves propagating into a water-saturated sandy bottom for a smoothed and a roughened interface", J. Acoust. Soc. Am. 107 (5), Pt.1, May 2000, pp. 2329-2337	
I T L	*	MALMBERG, Roy Dale, "A Study of the Feasibility of Using a Buried Sonar Transducer to Echo-Locate Objects Buried in Sediment", Naval PostGraduate School, Monterey, CA, Sept. 1987.	

\* In accordance with 37 CFR 1.98(d) a copy of this reference is not provided as it was previously submitted to, or cited by, the Office in prior Application No. 10/219169 filed 8/14/2002, which is being relied on for an earlier effective filing date under 35 U.S.C. § 120.

Examiner Signature	JAN T. LOBO	Date Considered	6/15/04
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- EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449				Complete if Known	
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				Group Art Unit	3662
				Examiner Name	L0130
Sheet	2	of	2	Attorney Docket Number	D4601-3CIP

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<i>JL</i>	*	SSCHMIDT, Henrik et al, "Physics of 3-D scattering from rippled seabeds and buried targets in shallow water", J. Acoust. Soc. Am. 105 (3), 1999.				
	*	SMITH, Eric, "Measurement and localization of interface wave reflections from a buried target", J. Acoust. Soc. Am. 103 (5), Pt.1, May 1998, pp. 2333-2343				
	*	YOUNIS, Waheed A. et al, "Nondestructive imaging of shallow buried objects using acoustic computed tomography", J. Acoust. Soc. Am. 111 (5), Pt.1, May 2002, pp. 2117-2127				
	*	FRAZIER, Catherine H. et al, "Acoustic imaging of objects buried in soil", J. Acoust. Soc. Am. 108 (1), July 2000, pp. 147-156				
	*	POWERS, Jeffrey E. et al, "Ultrasound Phased Array Delay Lines Based on Quadrature Sampling Techniques", IEE Trans. On Sonics & Ultrasonics, Vol. SU-27(6), pp.287-294, Nov. 1980.				
<i>JGL</i>	*	DONSKOY, Dimitri et al, "Nonlinear seismo-acoustic land mine detection and discrimination", J. Acoust. Soc. Am. 111 (6), June 2002, pp/ 2705-2714				

\* In accordance with 37 CFR 1.98(d) a copy of this reference is not provided as it was previously submitted to, or cited by, the Office in prior Application No. 10/219169 filed 8/14/2002, which is being relied on for an earlier effective filing date under 35 U.S.C. § 120.

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